



Practitioner's Docket No. 142199

EXPRESS MAIL NO. <sup>EM</sup> 508 445 769 US

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Hard, Robert A.

Serial No.: 08/623,852

Filed: 03/26/1996

For: Process for Recovering Metal Values From Solid Materials

Group No.: 1103

Examiner: S. Bos

**Box AF**

**Assistant Commissioner for Patents**

**Washington, D.C. 20231**

**AMENDMENT OR RESPONSE AFTER FINAL REJECTION—TRANSMITTAL**

1. Transmitted herewith is an amendment after final rejection (37 C.F.R. 1.116) for this application.

**STATUS**

2. Applicant is other than a small entity.

**EXTENSION OF TERM**

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply. Applicant petitions for an extension of time under 37 C.F.R. 1.136 (fees: 37 C.F.R. 1.17(a)(1)-(4)) for three months:

Fee: \$870.00

If an additional extension of time is required, please consider this a petition therefor. An extension for three month(s) has already been secured in the **Transmittal of Appeal Brief** filed herewith. The fee paid therefor of \$870.00 is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$0.00

**FEE FOR CLAIMS**

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)	OTHER THAN A SMALL ENTITY	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Addit. Fee
Total	17	Minus	20	= 0	x \$18 =	\$0
Indep.	2	Minus	3	= 0	x \$78 =	\$0
First Presentation of Multiple Dependent Claim					+ \$260 =	\$0
					Total Addit. Fee	\$0

- \* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3,  
 \*\* If the "Highest No. Previously Paid For" IN THIS SPACE (Column 2, Row 1) is less than 20, enter "20".  
 \*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE (Column 2, Row 2) is less than 3, enter "3".  
 The "Highest No. Previously Paid For" (Total or Indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

No additional fee for claims is required.

#### FEE PAYMENT

5. Charge Account No. 16-1435 the sum of \$0.00. A duplicate of this transmittal is attached.

#### FEE DEFICIENCY

6. If any additional extension and/or fee is required, charge Account No. 16-1435.  
 If any additional fee for claims is required, charge Account No. 16-1435.

 3/8/99  
 SIGNATURE OF PRACTITIONER

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EXPRESS MAIL CERTIFICATE

"Express Mail" mailing label number: EM 508 445 769 US

Date of Deposit : March 8, 1999

Type of Document(s) : Transmittal of Appeal Brief (Including Request for Extension of Time Pursuant to 37 CFR 1.136(a)); 3 Copies of Appeal Brief; Amendment or Response After Final Rejection - Transmittal; 37 CFR 1.116 Amendment and Response to Office Action; and Return Postcard

Serial No. : 08/623,852

Filing Date : March 26, 1996

I hereby certify that the documents identified above are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

(signature)

Charles W. Calkins



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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of : Hard et al.  
Serial No. : 08/623,852  
Filed : March 26, 1996  
For : Process for Recovering Metal Values From Solid Materials (as amended)  
Art Unit : 1103  
Examiner : Bos, S.

Assistant Commissioner for Patents  
ATTN: BOX AF  
Washington, DC 20231

# 12 B/w.m.  
3/18/99

**37 CFR 1.116 Amendment and Response to Office Action**

Sir:

Please amend the above-identified application as follows to place the application in condition for allowance or better condition for appeal.

IN THE CLAIMS:

Please amend claims 1 and 14 as follows.

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*do not enter SFB*  
1. (twice amended) A process for separating and recovering a first metal value [values] from a metal containing material including the first metal value [values being recovered] and at least a second [one or more additional] metal value [values] comprising:

digesting the metal containing material in a sulfuric acid solution comprising:

sulfuric acid;

a reducing agent to render the second [a] metal value insoluble; and

a carbon source which differs from the reducing agent;

for a period of time sufficient to solubilize the first metal value [values being recovered] and render the second [one or more additional] metal value [values] insoluble;

heating the digestion mixture for a period of time sufficient to attain 75-95 °C; and

*only when fluorides are present (see pgs 3 bottom 49)*